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The 9/21/1978 edition of the Wall Street Journal rep	oorted that Georgia residents working in shipyards
had higher cancer rates than other Georgia residents	S.

had higher cancer rate	s than other Georgia residents.
The <i>Journal</i> reported:	22% of residents with cancer had worked in a shipyard 14% of residents without cancer had worked in a shipyard 4% of residents had cancer
We can rewrite these i	n probability notation as:  0.22 = P(shipyard   cancer)  0.14 = P(shipyard   no cancer)  0.04 = P(cancer)
_	rgia at the time who had worked in a shipyard would be most interested in knowing or she will be diagnosed with cancer: P(cancer   shipyard).
A) Calculate the proba	bility of working in a shipyard and being diagnosed with cancer:
	P(shipyard $\cap$ cancer) =
B) Calculate the proba	bility of working in a shipyard and <i>not</i> being diagnosed with cancer:
	P(shipyard $\cap$ no cancer) =
C) Calculate the probab	bility of working in a shipyard:
	P(shipyard) =
D) Finally, calculate the	e probability of being diagnosed with cancer given you worked in a shipyard:
	P(cancer   shipyard) =